

Appl. No. 10/697,910
Examiner: HEWITT, JAMES M, Art Unit 3679
In response to the Office Action dated December 2, 2005

Date: March 2, 2006
Attorney Docket No. 10111392

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): An inflatable product, including;

- a first chamber;

- a first ~~mechanically-controlled~~ non-electrically controlled valve;

- an air pump for inflating the first chamber through the first ~~mechanically-controlled~~ non-electrically controlled valve;

- a first switch for activating the air pump and opening the first ~~mechanically-controlled~~ non-electrically controlled valve; and

- a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on.

Claim 2 (original): The inflatable product as claimed in claim 1, wherein the second switch is a microswitch.

Claim 3 (currently amended): The inflatable product as claimed in claim 1, further comprising:

- a second chamber;

- a second ~~mechanically-controlled~~ non-electrically controlled valve through which the air pump inflates the second chamber; and

- a third switch to activate the air pump and open the second ~~mechanically-controlled~~ non-electrically controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 4 (original): The inflatable product as claimed in claim 3, wherein the fourth switch is a microswitch.

Claim 5 (currently amended): An inflatable product, including:

- a first chamber;

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a first pack body;
a first ~~mechanically controlled~~ non-electrically controlled valve disposed in the first pack body;
an air pump for inflating the first chamber through the first ~~mechanically controlled~~ non-electrically controlled valve;
a first switch, disposed on the first pack body, for activating the air pump and mechanically opening the first ~~mechanically controlled~~ non-electrically controlled valve; and
a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on.

Claim 6 (original): The inflatable product as claimed in claim 5, wherein the second switch is a microswitch.

Claim 7 (original): The inflatable product as claimed in claim 5, wherein the second switch is disposed in the first pack body.

Claim 8 (previously presented): The inflatable product as claimed in claim 5, wherein the switch circuit is activated to supply the air pump with power when the second switch is turned on.

Claim 9 (currently amended): The inflatable product as claimed in claim 5, further comprising:
a second chamber;
a second ~~mechanically controlled~~ non-electrically controlled valve, disposed in the first pack body, through which the air pump inflates the second chamber; and
a third switch, disposed on the first pack body, to activate the air pump and open the second ~~mechanically controlled~~ non-electrically controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 10 (original): The inflatable product as claimed in claim 9, wherein the fourth switch is a microswitch.

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Claim 11 (original): The inflatable product as claimed in claim 9, wherein the fourth switch is disposed in the first pack body.

Claim 12 (previously presented): The inflatable product as claimed in claim 9, wherein the switch circuit is activated to supply the air pump with power when the fourth switch is turned on.

Claim 13 (original): The inflatable product as claimed in claim 5, further comprising:
a second chamber;
a second pack body;
a second valve, disposed in the second pack body, through which the air pump inflates the second chamber; and
a third switch, disposed on the second pack body, to activate the air pump and open the second valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 14 (original): The inflatable product as claimed in claim 13, wherein the fourth switch is a microswitch.

Claim 15 (original): The inflatable product as claimed in claim 13, wherein the fourth switch is disposed in the second pack body.

Claim 16 (previously presented): The inflatable product as claimed in claim 13, wherein the switch circuit is activated to supply the air pump with power when the fourth switch is turned on.

Claim 17 (previously presented): The inflatable product as claimed in claim 1, wherein the switch circuit further comprises a relay activated to supply the air pump with power when the second switch is turned on.

Claim 18 (currently amended): The inflatable product as claimed in claim 5, wherein the first pack body is ~~connected to~~ built in the first chamber.

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Claim 19 (currently amended): The inflatable product as claimed in claim 7, wherein the first pack body is ~~connected to~~ built in the first chamber.

Claim 20 (previously presented): The inflatable product as claimed in claim 9, wherein the first pack body is connected to the second chamber.

Claim 21 (previously presented): The inflatable product as claimed in claim 11, wherein the first pack body is connected to the second chamber.

Claim 22 (previously presented): The inflatable product as claimed in claim 13, wherein the second pack body is connected to the second chamber.

Claim 23 (previously presented): The inflatable product as claimed in claim 15, wherein the second pack body is connected to the second chamber.

Claim 24 (new): An inflatable product, including:

- a first chamber;
- a first pack body;
- a first valve disposed in the first pack body;
- an air pump for inflating the first chamber through the first valve;
- a first switch, disposed on the first pack body, for activating the air pump and mechanically opening the first valve; and
- a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on, wherein the first pack body is built in the first chamber.

Claim 25 (new): The inflatable product as claimed in claim 1, wherein the first switch is mechanically connected to the first non-electrically controlled valve, such that motion of the first switch opens the first non-electrically controlled valve by physical force transmitted through the mechanical connection.

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Claim 26 (new): The inflatable product as claimed in claim 25, wherein motion of the first switch to open the first non-electrically controlled valve turns on the second switch.